

### ***Remarks***

Reconsideration of this Application is respectfully requested.

Claims 41-167 are pending in the application, with claims 41, 80, 96, 110 and 133 being the independent claims.

Based on the above amendment and the following remarks, Applicants respectfully request that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

The Notice to Comply with Requirements for Patent Application Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures states that no sequence listing has been submitted for the peptide sequence SYFPEITHI disclosed on page 16 of the specification. Applicants respectfully assert that as referenced on page 16, SYFPEITHI is the name of an HLA database and not a peptide sequence. Therefore, inclusion of SYFPEITHI in a sequence listing is not required. Applicants have amended the specification to clarify that SYFPEITHI is the name of a database and to remove the hyperlinked text, as currently required. Applicants also submit a copy of the SYFPEITHI homepage (Exhibit 1) showing that SYFPEITHI is a database of over 4000 peptide sequences. Accordingly, Applicants respectfully request that the request for a Substitute Sequence Listing be withdrawn.

### ***Conclusion***

Applicants respectfully request that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicants believe

that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Eric K. Steffe  
Attorney for Applicants  
Registration No. 36,688

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1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600

## **EXHIBIT 1**

supported by  
DFG-Sonderforschungsbereich 510 and the European Union:  
EU BIOMED CT95-1627, BIOTECH CT95-0263,  
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SYFPEITHI

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## A DATABASE OF MHC LIGANDS AND PEPTIDE MOTIFS (Ver. 1.0)

SYFPEITHI is a database comprising  
more than 4000 peptide sequences  
known to bind class I and class II MHC  
molecules. The entries are compiled  
from published reports only.

Last update: January 23<sup>rd</sup> 2004

Institute for Cell Biology  
Department  
of  
Immunology



BMI - Heidelberg

